

ABSTRACT OF THE DISCLOSURE

A method and apparatus for connecting a plurality of digital video recorders to a plurality of video transmitters via first transmission lines and for connecting the plurality of digital video recorders to a playback receiver via second transmission lines. The playback receiver incorporates an external synchronizing generator for externally synchronizing the plurality of the digital video recorders and the video transmitters. The recorders receiving the video signals generate and inject into the output signals a signal corresponding to identification codes allotted to each video signals. The playback receiver has a selection control circuit receiving selectively and synchronously any individually coded playback or monitored signal, or multiple playback or monitored signals which are displayed individually or in a split screen, respectively. The digital video recorder includes a time-date signal generator and a processing circuit compressing the video signals and outputting them with an injected identification code and time and date of the recorded signals and storing the signal into at least one memory device in an endless rotation, wherein freshly stored signals replace the oldest stored signals.